Activity 3 NameClick here to enter text.  
Atoms and Their Masses

Goals…

* Explore the idea of atoms by trying to isolate a single atom
* Measure how many time greater mass a copper atom has than an aluminum atom
* Practice careful laboratory technique with measuring masses and filtration
* Compare Dalton’s experimental results to the masses of atoms known today
* See that atoms react in definite proportions of mass when forming a compound

CHEM Talk

* ATOM – theClick here to enter text.of an element
* COMPOUND – a material that is made of Click here to enter text. ex. H2O
* ATOMIC MASS UNITS (amu) – a unit of mass defined as Click here to enter text.
* ATOMIC MASS – determined by the mass of the Click here to enter text.+ the mass of the Click here to enter text.
* LAW OF DEFINITE PROPORTIONS – whenever 2 elements combine to form a compound, they do so in the same Click here to enter text.